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File:DERWENT

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TITLE:

Aromatic polyamide film for magnetic recording medium - has predetermined logarithmic viscosity, thickness, strength, elasticity, particle size and average roughness height

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PRIORITY-DATA: 1997JP-0284308 (October 2, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 11106529 A	April 20, 1999	N/A	007	C08J 005/18

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP11106529A	N/A	1997JP-0284308	October 2, 1997

IPC: B29D007/01; B29K077/00; B32B027/34; C08J005/18; G11B005/704

ABSTRACTED-PUB-NO:JP11106529A

BASIC-ABSTRACT:NOVELTY - The para-oriented aromatic polyamide film has logarithmic viscosity of 1.5 or more, thickness of 2-9 μm , strength of 1000-2500 kg/mm² and elasticity of 20-60 kg/mm². The amount of particles having average grain size of 0.01-0.2 μm in the film is 0.01-1 wt.%. The film has average surface roughness height (SRa) of 0.5-8.0 nm along the longitudinal plane of symmetry. The film has protrusions of 0-300 pieces/100 mm², each protrusion having a height of 0.27 μm and cross-sectional area of 0.5 μm^2 . USE - For magnetic recording medium (claimed) which is formed on non-magnetic flexible support body. ADVANTAGE - The magnetic film has good surface property. The film has few protrusions and enables recording signals of short wavelength with minimum errors.

CHOSEN-DRAWING:Dwg. 0/0

TITLE-TERMS:

AROMATIC POLYAMIDE FILM MAGNETIC RECORD MEDIUM PREDETERMINED LOGARITHM VISCOSITY THICK STRENGTH ELASTIC PARTICLE SIZE AVERAGE ROUGH HEIGHT

DERWENT-CLASS: A23 A85 L03 P73 T03

CPI-CODES: A05-F05; A12-E08A1; L03-B05L1;